

Patent Number: JP8064193
Publication date: 1996-03-08
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Requested Patent: JP8064193
Application Number: JP19940219467 19940822
Priority Number(s):
IPC Classification: H01M2/16
EC Classification:
EC Classification:
Equivalents:

Abstract

PURPOSE: To provide an alkaline secondary battery separator in which affinity with an electrolyte is increased, the life of a battery is lengthened, and self-discharge is decreased by containing no organic binder by containing inorganic oxide particles in a polyolefin nonwoven fabric.

CONSTITUTION: Inorganic oxide sol containing colloidal inorganic oxide particles 3 having self-binding ability is stuck to a polyolefin nonwoven fabric 1. The inorganic oxide particles 3 or hydrate particles of the inorganic oxide are deposited on and bonded to fibers 2 constituting the nonwoven fabric 1 to form an alkaline secondary battery separator.

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